**GRADE 8 FI MATHEMATICS**

**MATERIALS:** pencils, eraser, ruler, calculator, math set, 3-ring binder with looseleaf, (graph paper, tracing paper, scissors, coloured pencils/markers will be required on occasion)

**GENERAL GOAL OF THE COURSE**: to develop mathematically literate students who can extend and apply their learning and who are effective participants in an increasingly technological society.

**COURSE OBJECTIVES**:

-to enable students to become active “doers” of mathematics

-to enhance students’ learning of problem-solving, communication, reasoning, and connections in mathematics

-to prepare students for the provincial math assessment

**COURSE TIMELINE**: \*subject to change

September to December: Square Roots and Pythagorean Theorem

Integers

Fractions

January to June: Prisms and Cylinders

Percent, Ratio, and Rate

Linear Equations and Graphing

Data Analysis and Probability

Geometry

**EVALUATION**: 40% Number Sense

30% Shape and Space

15% Patterns and Relations

15% Statistics and Probability

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